

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER: \_\_\_\_\_**

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
3	3666	acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:25
4	10787	bluetooth	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
5	156	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
6	43212	master same slave	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
7	48	((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
8	129352	packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
9	45	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) and packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
10	31	(((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) same packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
11	6	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) same packet) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:36
12	429	455/41.2.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:35
13	36	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:35
14	36	packet and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:36
15	24	(master same slave) and (packet and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:36
16	7	((master same slave) and (packet and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.))) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
17	47928	sms or (short adj message adj service)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:48
18	30	455/41.2.ccls. and (sms or (short adj message adj service))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:48
19	2	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and (455/41.2.ccls. and (sms or (short adj message adj service))))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:49
21	3	(master same slave) and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (sms or (short adj message adj service))))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:49
20	12	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (sms or (short adj message adj service))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:51
22	73719	370/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
23	100	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (master same slave)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52

24	40	370/\$.ccls. and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (master same slave))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
25	1449857	convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
26	13	(370/\$.ccls. and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (master same slave))) and convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:53
28	104	second near3 (acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:36
29	9	(master same slave) and (second near3 (acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:25
30	2	establish\$5 near2 second near2 (acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:37

L Number	Hits	Search Text	DB	Time stamp
3	3666	acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
4	10787	bluetooth	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
5	156	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
6	43212	master same slave	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
7	48	((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
8	129352	packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
9	45	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) and packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
10	31	(((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) same packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
11	6	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) same packet) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:33

	41	(power adj2 estimator) and inverter	USPAT; US-PGPUB; EPO; JPO	2004/09/25 14:30
	19	(agc or automatic adj gain adj control\$5) and ((power adj2 estimator) and inverter)	USPAT; US-PGPUB; EPO; JPO	2004/09/25 14:34
	15	((agc or automatic adj gain adj control\$5) and ((power adj2 estimator) and inverter)) and @ad<=20001121	USPAT; US-PGPUB; EPO; JPO	2004/09/25 14:30
	0	amplitude adj2 caculator	USPAT; US-PGPUB; EPO; JPO	2004/09/25 14:35
	140	amplitude adj2 calculator	USPAT; US-PGPUB; EPO; JPO	2004/09/25 14:35
	10	(agc or automatic adj gain adj control\$5) and (amplitude adj2 calculator)	USPAT; US-PGPUB; EPO; JPO	2004/09/25 15:01
	49	((455/232.1-254.ccls. and ((gain with amplifier or vga) same (agc or automatic adj gain adj control\$5))) and @ad<=20001121) and (dsp or digital adj signal adj processor)	USPAT; US-PGPUB; EPO; JPO	2004/09/25 15:08
	6	("5630220"   "5887246"   "6169619"   "6198830"   "6288609"   "6389272").PN.	USPAT	2004/09/25 15:07
	27	((((455/232.1-254.ccls. and ((gain with amplifier or vga) same (agc or automatic adj gain adj control\$5))) and @ad<=20001121) and (dsp or digital adj signal adj processor)) and threshold	USPAT; US-PGPUB; EPO; JPO	2004/09/25 15:08
	3666	acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:25
	10787	bluetooth	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
	156	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:31
	43212	master same slave	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
	48	((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
	129352	packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
	45	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) and packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
	31	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) same packet	USPAT; US-PGPUB; EPO; JPO	2004/10/02 11:32
	6	((((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same bluetooth) same (master same slave)) same packet) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:36
	429	455/41.2.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:35
	36	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:35
	36	packet and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:36

		24	(master same slave) and (packet and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:36
		7	((master same slave) and (packet and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and 455/41.2.ccls.))) and (@ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
	47928		sms or (short adj message adj service)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:48
		30	455/41.2.ccls. and (sms or (short adj message adj service))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:48
		2	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) and (455/41.2.ccls. and (sms or (short adj message adj service)))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:49
		3	(master same slave) and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (sms or (short adj message adj service)))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:49
		12	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (sms or (short adj message adj service))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:51
	73719		370/\$.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
		100	(acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (master same slave)	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
		40	370/\$.ccls. and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (master same slave))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
	1449857		convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:52
		13	(370/\$.ccls. and ((acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)) same (master same slave))) and convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/02 15:53
		104	second near3 (acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:36
		9	(master same slave) and (second near3 (acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less)))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:25
		2	establish\$5 near2 second near2 (acl or (asynchronous adj connectionless) or (asynchronous adj connection adj less))	USPAT; US-PGPUB; EPO; JPO	2004/10/02 16:37
	3568		370/328-329,338,348,310.1-310.2.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/04 09:59
		3666	acl or (asynchronous adj (connectionless or connection adj less))	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:00
		1770	sco or (synchronous adj connection adj oriented)	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:01
		188	(acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:01
		22	370/328-329,338,348,310.1-310.2.ccls. and ((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented)))	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:08
		1156	455/445.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:09

-	1	((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))) and 455/445.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:09
-	43212	master same slave	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:09
-	72	((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))) same (master same slave)	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:10
-	880512	establish\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:10
-	23	(((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))) same (master same slave)) same establish\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:10
-	4	((((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))) same (master same slave)) same establish\$4) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/04 10:38
-	28	((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:45
-	1	6771658.pn.	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:40
-	0	"6748195" and convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:47
-	8	(((acl or (asynchronous adj (connectionless or connection adj less))) same (sco or (synchronous adj connection adj oriented))) and @ay<=2000) and convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:44
-	429	455/41.2.ccls.	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:45
-	169	455/41.2.ccls. and convert\$4	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:45
-	45	(master same slave) and (455/41.2.ccls. and convert\$4)	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:45
-	7	((master same slave) and (455/41.2.ccls. and convert\$4)) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:45
-	1660	convert\$4 near4 (data adj packet)	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:48
-	9	455/41.2.ccls. and (convert\$4 near4 (data adj packet))	USPAT; US-PGPUB; EPO; JPO	2004/10/04 11:49